

BLACK ROCK FOREST 2012 DEER HARVEST REPORT

THE SEASON

November 17 to December 9

The harvest produced 30 kills.

Bow Season --	0 Deer	0 Buck	0 Antlerless
Rifle Season --	29 Deer	11 Bucks	18 Antlerless
Muzzleloader season --	1 Deer	1 Bucks	0 Antlerless

SEASON HUNTING PRESSURE AND SUCCESS RATE						
YEAR	HUNTERS	HUNTER	PERMITS	TOTAL	SUCCESS RATE	
		VISITS	(VEHICLES)	TAKE	BUCKS	TOTAL
					Legal 3"+	Bucks and Antlerless
2012	130	393	279	30	15%	23%
2011	154	449	311	48	14%	31%
2010	185	564	400	61	15%	33%
2009	178	570	416	54	8%	30%

PERMITS AND LICENSES FILLED

<u>Type</u>	<u>Number Harvested</u>
Big Game	
Rifle	15
Bow	0
Muzzleloader	1
Deer Management Unit Permit	7
Deer Management Assistance Program	7
	<u>30</u>

HUNTING PRESSURE AND SUCCESS BY ZONE				
ZONE	ACRES	HUNTER VISITS	BUCKS	DOES
I	450	48	2	0
II	520	54	5	4
III	450	35	3	0
IV	460	50	3	5
V	400	72	1	1
VI	500	49	2	0
VII	150	29	0	0
VIII	330	37	2	1
MINERAL SPRINGS	120	11	1	0
SANCTUARY	220	8	0	0
TOTAL	3600	393	19	11

YEARLING MALES

YEAR	TOTAL YEARLINGS	ANTLER CLASS									AVERAGE		
		SPK	3	4	5	6	7	8	sub legal	UK	POINTS (#)	BEAM (mm)	WEIGHT (lbs)
2012	4	---	2	---	---	---	---	---	2	---	3	16.5	77
2011	12	2	1	3	2	2	---	---	1	1	4	16	88
2010	14	2	2	4	3	---	1	---	2	---	4	16.6	93
2009	6	2	---	2	1	---	---	---	1	---	3.4	14.4	88

2 ½ YEAR OLD MALES

YEAR	TOTAL YEARLINGS	ANTLER CLASS										AVERAGE		
		SPK	3	4	5	6	7	8	9	10	UK	POINTS (#)	BEAM (mm)	WEIGHT (lbs)
2012	11	---	1	2	2	2	---	1	1	---	---	5.6	20.5	108
2011	7	---	---	---	1	---	1	4	---	1	---	7.7	24.6	116
2010	8	1	---	1	1	---	2	2	1	---	---	6.2	21.7	103
2009	4	---	---	---	---	1	2	1	---	---	---	7	26	119

3 ½ + 4 ½ YEAR OLD MALES

YEAR	TOTAL YEARLINGS	ANTLER CLASS										AVERAGE		
		SPK	3	4	5	6	7	8	9	10	UK	POINTS (#)	BEAM (mm)	WEIGHT (lbs)
2012	3	---	---	---	---	---	---	1	1	1	---	9	28.3	123
2011	5	---	---	---	---	---	---	4	---	---	1	8	26.2	120
2010	4	---	---	---	---	---	2	2	---	---	---	7.5	29.2	132
2009	4	---	---	---	---	1	2	1	---	---	---	7	26	119

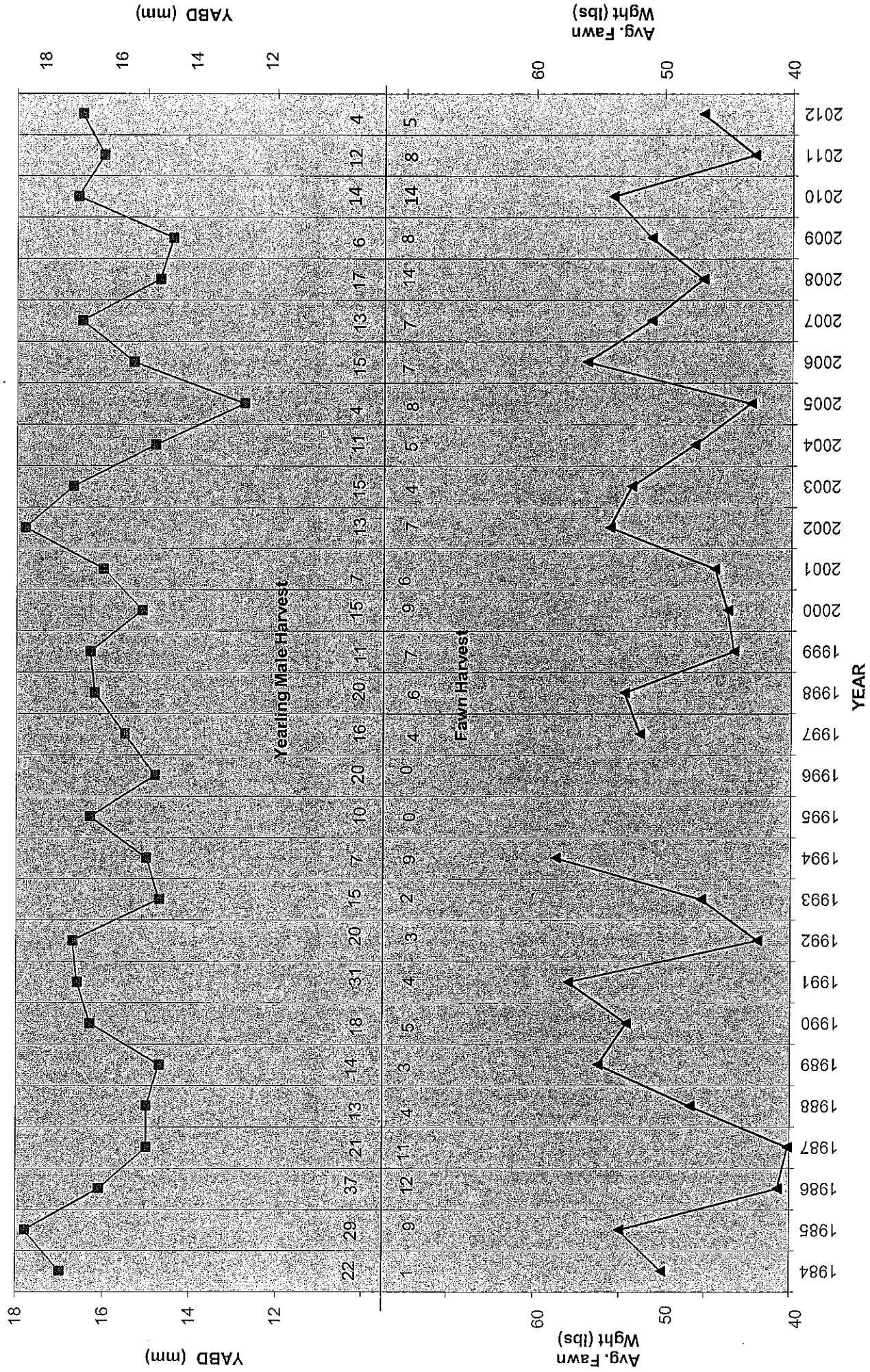
ANTLERLESS

		MALES			FEMALES										
AGE CLASS	Total	BB	SUB LEGAL	Fawn	1.5	2.5	3.5	4.5	5.5	6.5	7.5	8.5	10.5	Unknown	% 3.5+
Number Harvested	14	1	2	4	0	1	2	2	0	1	1	0	0	0	55%
Avg. Dressed Weight		50	88	46		72	89	79		72	92			0	

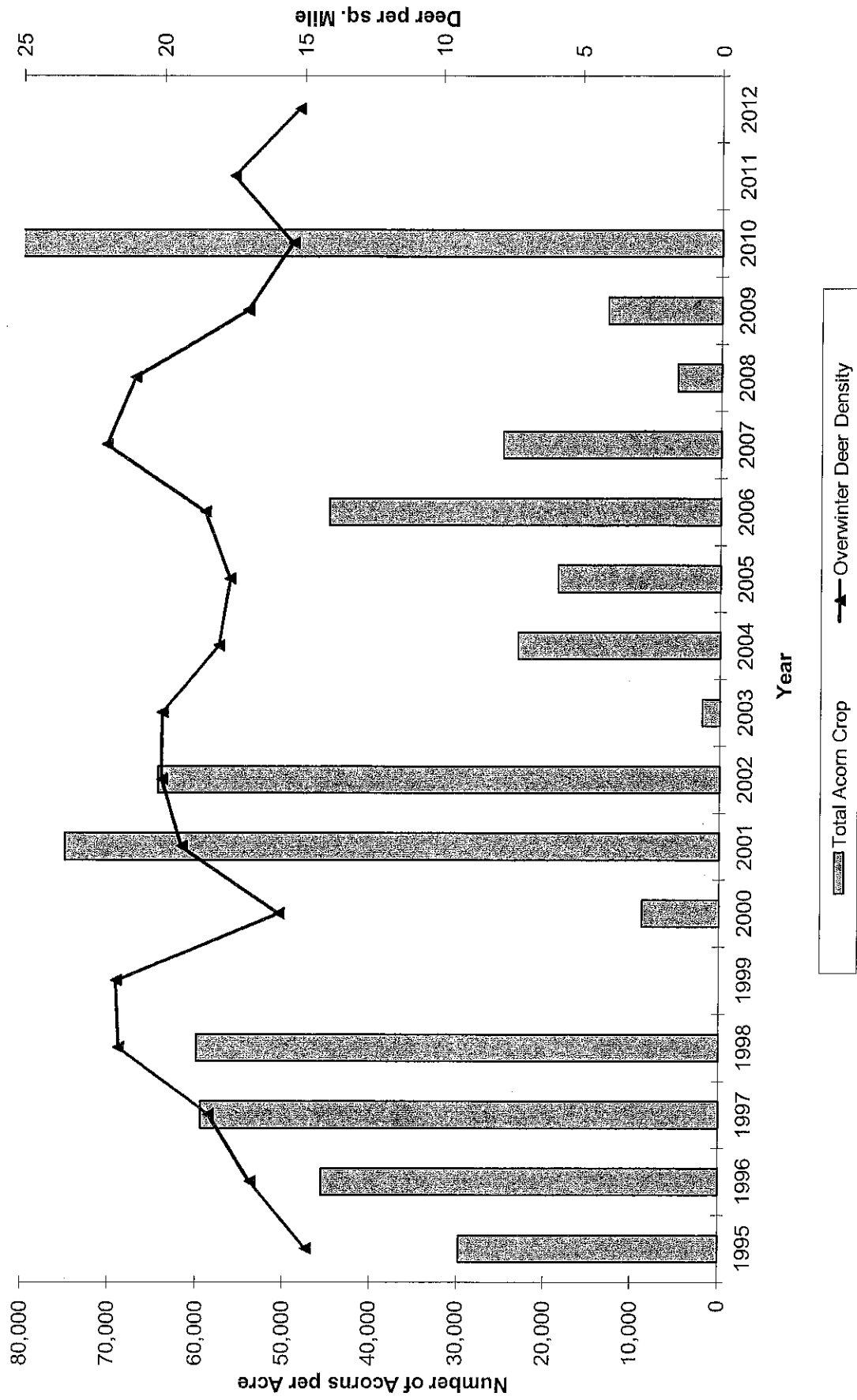
The yearling age class, usually the most prominent indicator of herd health, is poorly represented. Only four yearlings were harvested, ¼ of the 20 year average yearling take. Two of the four were sub-legal, meaning lack of proper nutrition has caused the under-development of antlers (less than 3"). The deficient state of health can partially be explained by the complete lack of acorns in 2011 and 2012. Autumn stomach contents contained mostly low nutritional dried grasses, leaves and mountain laurel's green leaves. Fawns mirror the yearlings poor physical condition, both age classes possibly never seeing an acorn. The mild winter of 2011-12 may have saved the two age classes from a more severe crash of their age class. The winter of 2012-13 will be a greater challenge for the fawns from 2012. Adult deer appear to have matured physically despite limited food resources.

Wildlife observations provided valuable findings. Three separate sightings of Ruffed Grouse, which have not been seen in BRF for nearly two decades. Also two individual sightings of a lone Bobcat. Deer hunters regularly reported sighting deer.

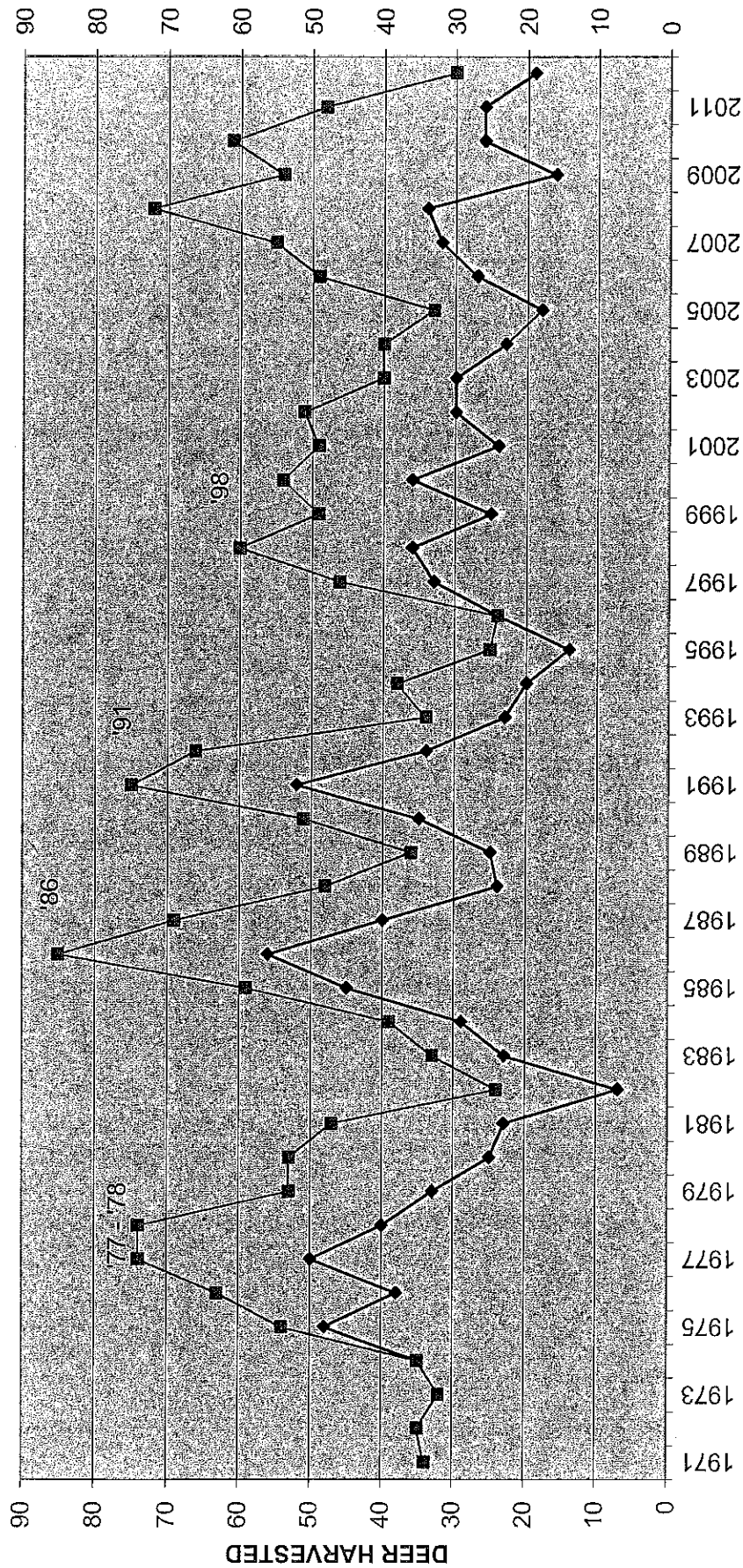
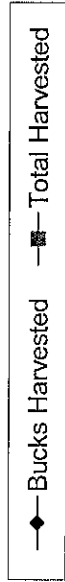
POPULATION TREND



Acorn Crop and Overwinter Deer Density



BUCK HARVEST VS TOTAL HARVEST 1971 - 2012



- 1981 - Gypsy Moth Defoliation 90%
- 1986 - Gypsy Moth Defoliation 70%
- 1992 - No Mast
- 1993 - March 13 - 14 Blizzard
- 1997 - 108" Snow
- 1999 - Drought, No Mast, Hurricane Floyd
- 2000 - Poor Mast
- 2001 - 81" Snow
- 2002 - Nov. 16 - 17, Ice Storm
- 2003 - No Mast, 90" Snow
- 2004 - Woolly Adelgid Infestation - Hemlock Mortality over 50%
- 2005 - Poor Mast
- 2008 - Low Mast
- 2008 - Dec. 12 Ice Storm
- 2010 - Bumper Mast Crop
- 2011 - No Mast
- 2012 - No Mast

DEER HARVEST

1970 - 2012

DATE	BUCK	DOES	TOTAL HARVEST
1970	24	0	24
1971	34	0	34
1972	35	0	35
1973	32	0	32
1974	35	0	35
1975	48	6	54
1976	38	25	63
1977	50	24	74
1978	40	34	74
1979	33	20	53
1980	25	28	53
1981	23	24	47
1982	7	17	24
1983	23	10	33
1984	29	10	39
1985	45	14	59
1986	56	29	85
1987	40	29	69
1988	24	24	48
1989	25	11	36
1990	35	16	51
1991	52	23	75
1992	34	32	66
1993	23	11	34
1994	20	18	38
1995	14	11	25
1996	24	0	24
1997	33	13	46
1998	36	24	60
1999	25	24	49
2000	36	18	54
2001	28	21	49
2002	30	21	51
2003	30	10	40
2004	23	17	40
2005	19	14	33
2006	27	22	49
2007	32	23	55
2008	34	38	72
2009	20	34	54
2010	30	31	61
2011	26	22	48
2012	19	11	30

POPULATION RECONSTRUCTION BY AGE CLASS FOR DEER KNOWN TO HAVE BEEN HARVESTED

	2001		2002		2003		2004		2005		2006		2007		2008		2009		2010		2011		2012		MIN POP KNOWN	TOTAL	AGE AS OF FALL 2012 (yrs.)		
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F					
2001	4	2	13	4	4	4	0	2	0	1	0	2	0	0	0	1	0	0	0	1	0	1	0	0	0	21	18	39	11.5
2002			5	2	15	3	9	4	4	2	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	33	12	45	10.5
2003					3	1	11	2	7	2	5	1	2	1	0	3	0	1	0	0	0	0	0	0	0	28	11	39	9.5
2004							3	2	5	0	7	7	4	4	2	2	0	3	0	1	0	0	0	0	0	21	19	40	8.5
2005									3	5	15	4	11	8	4	7	0	4	0	1	0	1	0	1	0	33	31	64	7.5
2006											5	2	13	2	7	8	4	4	1	4	1	2	0	1	31	23	54	6.5	
2007													2	5	17	7	6	11	3	6	1	1	0	0	29	30	59	5.5	
2008															4	10	6	7	8	5	3	3	1	2	22	27	49	4.5	
2009																	4	4	14	2	7	6	2	2	27	14	41	3.5	
2010																			4	10	12	6	11	1	27	17	44	2.5	
2011																					2	6	4	0	6	6	12	1.5	
2012																							1	4	1	4	5	FAWN	
TOTAL																										279	212	491	

*The data represents the population composition each year at the time fawns were born.

1984-2012 HARVEST DATA: FAWNS

YEAR	TOTAL FAWN HARVESTED	TOTAL ANTLERLESS TAKE (INCLUDES BB) (AND SUBLEGALS)	FAWNS AS % OF ANTLERLESS HARVEST	MALE		FEMALE	
				TOTAL HARVESTED	AVG DRESSED* WEIGHT (LBS)	TOTAL HARVESTED	AVG DRESSED WEIGHT (LBS)
1984	1	10	10%	0		1	50
1985	9	20	45%	6	56	3	48
1986	12	37	32%	8	45	4	33
1987	11	36	31%	7	38	4	44
1988	4	25	16%	1	44	3	49
1989	3	14	21%	3	55	0	0
1990	5	19	26%	3	56	2	48
1991	4	26	15%	3	59	1	52
1992	3	33	9%	1	48	2	40
1993	2	12	16%	1	46	1	48
1994	9	22	40%	4	65	5	53
1995	0	11	0%	0			
1996	NO ANTLERLESS TAKE						
1997	4	16	25%	3	53	1	48
1998	6	25	24%	3	55	3	51
1999	7	28	25%	4	45	3	43
2000	9	24	37%	6	45	3	46
2001	6	25	24%	4	48	2	41
2002	7	26	27%	5	54	2	54
2003	4	13	31%	3	55	1	44
2004	5	25	20%	3	53	2	39
2005	8	18	44%	3	46	5	42
2006	7	23	30%	5	60	2	54
2007	7	25	28%	2	51	5	51
2008	14	42	33%	4	49	10	46
2009	8	38	21%	4	49	4	53
2010	14	35	40%	4	56	10	54
2011	8	24	33%	2	43	6	43
2012	5	14	36%	1	50	4	46
TOTALS	182	666	27%	93		89	

* DRESSED WEIGHT - Weight of animal with all internal body organs removed.
(Live weight calculaton = dressed weight x 1.25)

2000 - 2012 WHITE-TAILED DEER HARVEST REPORT

YEARLING MALES

YEAR	TOTAL MALES	SPK	ANTLER POINT CLASS										SUB LEGAL	AVG. PTS.	AVG BEAM DIA. (MM)	AVERAGE WT. (LBS)	FREQ. %
			3	4	5	6	7	8	9	10							
2000	15	4	3	6	1	0	0	0	0	0			1	3.2	15.1	84	50
2001	7	5	0	1	0	0	0	0	0	0			1	2.3	16.0	90	29
2002	13	6	1	3	2	0	0	0	0	0			1	3.1	17.7	88	52
2003	15	5	1	1	2	5	0	0	0	0			0	4.5	16.7	90	55
2004	11	4	0	1	1	0	0	0	0	0			5	2.8	14.8	80	55
2005	5	2	0	2	0	0	0	0	0	0			1	3.0	14.0	75	31
2006	15	7	1	2	3	1	0	0	0	0			0	3.2	15.3	89	56
2007	13	6	2	2	1	2	0	0	0	0			0	3.3	16.5	91	43
2008	17	9	1	4	0	0	0	0	0	0			1	2.6	14.7	91	57
2009	6	2	0	2	1	0	0	0	0	0			1	3.4	14.4	88	37
2010	14	2	2	4	3	0	1	0	0	0			2	4.0	16.6	93	54
2011	12	2	1	3	2	2	0	0	0	0			1	4.0	16.0	88	50
2012	4	0	2	0	0	0	0	0	0	0			2	3.0	16.5	77	22

2 1/2 YEAR OLD MALES

YEAR	TOTAL MALES	SPK	ANTLER POINT CLASS										SUB LEGAL	AVG. PTS.	AVG BEAM DIA. (MM)	AVERAGE WT. (LBS)	FREQ. %
			3	4	5	6	7	8	9	10							
2000	11	0	0	3	1	6	0	1	0	0			0	5.5	20.7	106	37
2001	10	1	0	2	1	4	2	0	0	0			0	5.7	20.0	95	41
2002	3	0	0	0	1	2	0	0	0	0			0	5.7	21.7	103	12
2003	4	0	0	1	0	0	3	0	0	0			0	6.3	22.8	105	15
2004	9	1	0	3	0	3	2	0	0	0			0	5.1	20.9	106	45
2005	7	2	0	1	0	0	1	2	0	0			0	5.2	20.2	108	44
2006	7	1	0	0	3	1	0	2	0	0			0	5.6	23.6	111	26
2007	11	0	1	4	0	3	1	2	0	0			0	5.6	22.4	104	37
2008	7	0	1	4	0	0	1	1	0	0			0	4.9	20.7	107	23
2009	6	0	1	1	0	3	1	0	0	0			0	5.3	21.6	113	37
2010	8	1	0	1	1	0	2	2	1	0			0	6.2	21.7	103	31
2011	7	0	0	0	1	0	1	4	0	1			0	7.7	24.6	116	29
2012	11	0	1	2	2	2	0	1	1	0			0	5.6	20.5	108	61

1996 - 2011 WHITE-TAILED DEER HARVEST REPORT

3 1/2 - 4 1/2 Year Old Males

Year	Total Males	Spike	Antler Point Class				3 1/2 - 4 1/2 Year Old Males				Sub Legal	Average Avg. Beam		Average Wt. (lbs.)	Freq. %
			3	4	5	6	7	8	9	10		Points	Dia. (mm)		
2000	4	0	0	1	0	0	1	2	0	0	0	6.7	21.7	113	13
2001	7	0	0	0	1	1	2	3	0	0	0	7.0	23.4	109	30
2002	9	0	0	1	1	1	2	3	0	1	0	7.0	26.4	117	36
2003	8	0	0	1	1	1	2	3	0	0	0	6.6	28.0	127	30
2004	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0	0	0
2005	4	0	0	0	0	2	0	1	0	1	0	7.5	25.3	115	25
2006	5	0	0	1	0	1	1	2	0	0	0	6.6	24.8	118	18
2007	6	0	0	0	1	0	1	2	1	0	1	7.4	28.2	134	20
2008	6	0	0	0	0	1	1	4	0	0	0	7.5	26.8	135	20
2009	4	0	0	0	0	1	2	1	0	0	0	5.3	26.0	119	25
2010	4	0	0	0	0	0	2	2	0	0	0	7.5	29.2	132	15
2011	5	0	0	0	0	0	0	4	0	0	0	8.0	30.0	126	22
2012	3	0	0	0	0	0	0	1	1	1	0	9.0	28.3	123	17

FEMALE AGE CLASS IN YEARS

Year	TOTAL	Fawn	1.5	2.5	3.5	4.5	5.5	6.5	7.5	8.5-9.5	10.5+	Unknown	% 3 1/2 yrs. +
2000	18	3	2	2	6	2	0	1	0	2	0	0	61
2001	21	2	1	7	5	2	1	0	2	0	0	1	50
2002	21	2	4	7	6	2	0	0	0	0	0	0	38
2003	10	1	3	4	1	0	0	0	0	1	0	0	20
2004	17	2	2	4	2	3	2	1	1	0	0	0	53
2005	14	5	0	2	2	1	1	2	1	0	0	0	57
2006	17	2	4	7	1	0	2	0	1	0	0	0	29
2007	23	5	2	8	4	1	0	0	1	2	0	0	35
2008	38	10	7	8	7	2	3	0	1	0	0	0	34
2009	34	4	7	11	4	4	3	1	0	0	0	0	33
2010	31	10	2	5	6	4	1	1	0	2	0	0	45
2011	19	6	6	3	2	1	2	1	0	0	1	0	32
2012	11	4	0	1	2	2	0	1	1	0	0	0	55

BLACK ROCK FOREST SNOW FALL

December 1, 2011 -- April 01, 2012

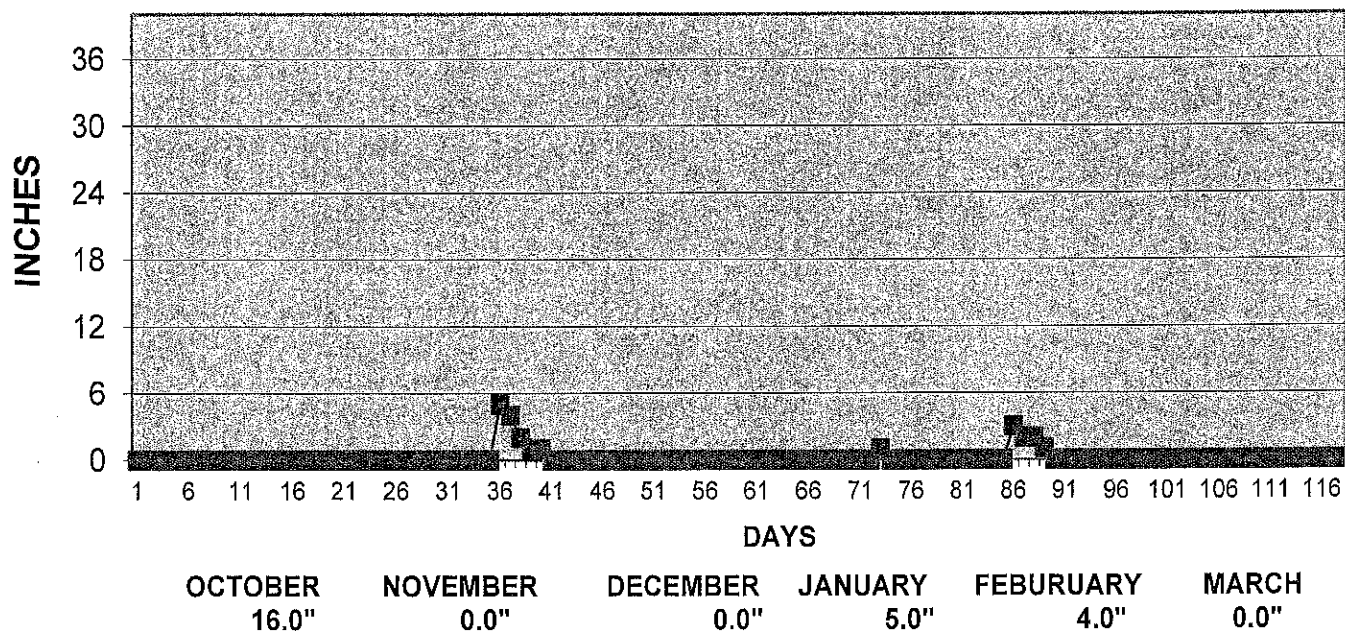
DECEMBER	JANUARY	FEBRUARY	MARCH	APRIL
0.0"	5.0"	4.0"	0.0"	0.0"

TOTAL – 25.0 INCHES

SNOWPACK DEPTH

DECEMBER 01, 2011 -- MARCH 31, 2012

25.0 Inches Snow



Snow Events

5 snow events

First Snow – Oct. 28, 2011

Last snow – Feb. 24, 2012

2 Events < 2"

1 Event 6"+

1 Events 12" +

Largest Snow Event – Oct. 29, 2011 (15")

Snow Pack

14 days snow cover

5 Continuous days

3 Days 6" +

2 Days 12" +

0 Days 18" +

0 Days 24" +

0 Days 36" +